



## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/734,049

Source: IFWJ0-

Date Processed by STIC: 12/30/03

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 703-308-4212; FAX: 703-308-4221

Effective 12/13/03: TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkr41note.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom. Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry directly to (EFFECTIVE 12/01/03):  
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 4B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 10/08/03



IFWO

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/734,049

DATE: 12/30/2003

TIME: 15:18:17

Input Set : A:\Q78382 Seq.txt

Output Set: N:\CRF4\12302003\J734049.raw

3 <110> APPLICANT: ITOH, Kyogo  
 5 <120> TITLE OF INVENTION: Tumor antigen  
 7 <130> FILE REFERENCE: GP02-1004/US  
 C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/734,049  
 C--> 10 <141> CURRENT FILING DATE: 2003-12-12  
 12 <150> PRIOR APPLICATION NUMBER: JP P2001-177058  
 13 <151> PRIOR FILING DATE: 2001-06-12  
 15 <150> PRIOR APPLICATION NUMBER: JP P2001-250728  
 16 <151> PRIOR FILING DATE: 2001-08-21  
 18 <160> NUMBER OF SEQ ID NOS: 408  
 20 <170> SOFTWARE: PatentIn Ver. 2.1

*pp 2-3*  
 Does Not Comply  
 Corrected Diskette Needed

## ERRORED SEQUENCES

8841 <210> SEQ ID NO: 343  
 8842 <211> LENGTH: 2731  
 8843 <212> TYPE: DNA  
 8844 <213> ORGANISM: Homo sapiens  
 8846 <400> SEQUENCE: 343

*p. 2*

8847	gacacaagac	caagtttgaa	acagatgcaa	ataaactaaa	atacagctct	aatgtctttt	60
8848	tctgctattc	tgtctccctt	ttcctctttg	tctgtaaatg	taagggaattt	gagacaaaaga	120
8849	ggaaaaggga	gacagaatag	cagaatcttg	actttgatag	tcaagatctt	gttcaagact	180
8850	tggcacttga	tctttttgta	aacctagtat	tatgttatgg	tcaagtggga	agcatgaatt	240
8851	taaatgtagt	atttaaaaga	ttacttggtc	ttggctttcc	aatctgtggg	agtgtttgga	300
8852	tcattttata	cacacacaca	cacacacaca	cacacacaca	cacctttttt	tttttttgat	360
8853	atgaggtctt	accctgtcac	ccagactaga	gtgcagtggc	gcaatcttag	ctcactgcaa	420
8854	cctctgccta	cctggctcaa	gggatcctcc	cacctcagcc	tccagagtag	ctgggactac	480
8855	aggcacatgc	caccaagccc	agctaatttt	tcatattttt	ggtagagatg	gggtttcact	540
8856	ctgttgccca	ggctgggtct	aaactcctga	gctcaagtga	tccaccacc	ttggccttcc	600
8857	aaagtgtcgg	gattacaggt	gtgagctact	gcacctggta	cattattata	atttaataat	660
8858	agtgcacagga	aaaggtaaaa	attgcaagca	acaataataa	ccaataatgc	agaaatacat	720
8859	ataaaatggt	aactgtaaag	gcagatattg	ttgcctatat	cagccaatgt	agatcttctg	780
8860	gtttttatact	tactgggtata	ctataaatga	aattttagtga	cagcatactg	tataccaaac	840
8861	tagagtttac	ccattgttat	ttcttattta	gatttttaga	tacattgtct	tttgattcta	900
8862	acattggcat	tatcttaatt	taatctctgt	atatttttct	tctttttgga	aatatgcgtt	960
8863	tgtaaaagct	tacctataaa	gctactatgg	tgaccttggc	ctatcagatg	ggtgttctct	1020
8864	taaaccgttt	tatactgctt	tataccagac	tcaaaattgc	caacatagtt	atctgctaatt	1080
8865	tctcaataac	ttaaagccac	attatttttg	ctagagtaat	tagtactaca	ttgtttattt	1140
8866	ctagatgcac	tttaatatcc	atgtcaccag	agtaatttag	ttttactggt	ttattaatct	1200
8867	gattgattaa	gtctatccca	atatgtctct	gcagttgggt	gacccaatat	gtctctgcag	1260
8868	ttgggtgacc	caatatgtct	ctgcagttgg	gtgactacag	aaataattca	tcagatttac	1320
8869	ctcgctatatt	gtatcatatt	atatacaaat	gacatactct	agtgcatttg	aaatgtaatt	1380

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```

8870 taatggaatc ttgtagttta caaaattaag attgtcttta aagtaaatca ttatttccttt 1440
8871 aatttactcc tctcatgacc cctgtaactg tttttcactt cagttcaaca tacatttatg 1500
8872 ccttgccctcc tgtataaccag ccagtaggtg ctgggggttg aaaataacta agatcaaccc 1560
8873 atacatgctg gaagctctca atctagtagg agaggataga cacgaaagct cataatttgg 1620
8874 ttggttttgt tttgagacag ggcagtctct gtcgccagct ggaggcagcg gcatgatctc 1680
8875 agctcactgc agctttgacc tcccaggctg aagtgaccct ttcacctcag tacccaaaag 1740
8876 tagctggaat tacaggtgcc cacctgccag aaaactcagt tttacttaaa ttattttattt 1800
8877 tcaacgtgta gctcatgaag atactaactt taaatggcag ggagtagatt gagaatcatc 1860
8878 atggaagacc tttttttttt tttcttgaga tggagtctca ctccgtcacc caagctggag 1920
8879 tgcaatggca tgatcttggc tcaactgcatt ctccacttct gggttcaagt gattctccta 1980
8880 cctcagcctc ccgagtagct gggattacag gcatgcagca ccacacccag ctaatttttt 2040
8881 tatttttagt agagatgggg tttcaccatg ttggccaggc tgggtctaaaa ctcctgacct 2100
8882 caggtgatcc acctgcctca gcctcccaa gtgctgggat tacaggtgtg ggccaccaca 2160
8883 cctggcccat catggaagac tttctgatgg tgatgtttga attgggtttt ggagagtga 2220
8884 ttagaatgtt ttgaactaat acagtaaagg acagtagaaa gaaggacaa catggacaga 2280
8885 gaccttaagg catgaaatgt cattctgtat tcagttagac gtttagtctt gatagaagga 2340
8886 ttttttcctt agaacagatt acacctatat gataagattt tattttgttt ttatttaata 2400
8887 atagttcagt taaaatataa gcccaaaatt gctccataaa atttggcagc agttatgcta 2460
8888 ttgacagcat ataaaaagca ctcaatcgag ctaggtgcag tggctcatgg ctgtaattcc 2520
E--> 8889 agcactttgg gagggccccag caaaaggatc acttgattca aggaatttga gaccagttg 2580
8890 ggcaacatgg caagactcta tctgtatgaa aaaaaaaatt ttttaattag ctgggaatag 2640
8891 tgatgtgtgc ccttgcagtg agctgtgatt tgctctactg cactccacct tgagtagcag 2700
8892 agtgaaactg tctttgaaaa aaaaaaaaaa a 2731

```

see P.3  
for error  
explanation

## VARIABLE LOCATION SUMMARY

DATE: 12/30/2003

PATENT APPLICATION: US/10/734,049

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Input Set : A:\Q78382 Seq.txt

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*error explanation*Use of n's or Xaa's (NEW RULES) :

Use of n's and/or Xaa's have been detected in the Sequence Listing.

Use of &lt;220&gt; to &lt;223&gt; is MANDATORY if n's or Xaa's are present.

in &lt;220&gt; to &lt;223&gt; section, please explain location of n or Xaa, and which residue n or Xaa represents.

Seq#:284; Xaa Pos. 80

Seq#:343; N Pos. 2578

Seq#:352; N Pos. 1332

**VERIFICATION SUMMARY**

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L:9 M:270 C: Current Application Number differs, Replaced Application Number  
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:6781 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:284 after pos.:64  
L:8889 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:343  
L:9168 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:352 after pos.:1320